

Title (en)

Method of manufacturing the end connectors of a battery by the cast-on-strap process (COS)

Title (de)

Verfahren zur Herstellung der Endpolen einer Batterie durch Brückenangussverfahren (COS)

Title (fr)

Méthode de fabrication des connecteurs terminaux d'une batterie par procédé de moulage de barres de connection (COS)

Publication

EP 0887873 A3 20000426 (EN)

Application

EP 98201996 A 19920909

Priority

- EP 92920185 A 19920909
- US 75744791 A 19910910

Abstract (en)

[origin: WO9305540A1] An end connector (24) for a battery (10) in which a set of interleaving battery plates (20, 40) is electrically and mechanically connected with a cast-on element to form a secure attachment with no discontinuities. The preferred embodiment utilizes a set of lead or lead alloy plates having an edge that is immersed into a mold of molten material that forms the end connector.

IPC 1-7

H01M 2/26; **H01M 2/28**

IPC 8 full level

H01M 10/04 (2006.01); **H01M 10/12** (2006.01); **H01M 10/28** (2006.01); **H01M 50/541** (2021.01); **H01M 4/68** (2006.01); **H01M 6/10** (2006.01)

CPC (source: EP US)

H01M 10/0409 (2013.01 - EP US); **H01M 10/125** (2013.01 - EP US); **H01M 10/286** (2013.01 - EP US); **H01M 4/68** (2013.01 - EP US); **H01M 6/10** (2013.01 - EP US); **H01M 10/0413** (2013.01 - EP US); **Y02E 60/10** (2013.01 - EP); **Y02P 70/50** (2015.11 - EP); **Y10T 29/49115** (2015.01 - EP US)

Citation (search report)

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WO 9305540 A1 19930318; AT E175293 T1 19990115; AT E296485 T1 20050615; AU 2597392 A 19930405; AU 667196 B2 19960314; CA 2118705 A1 19930318; CA 2118705 C 19990907; DE 69228076 D1 19990211; DE 69228076 T2 19990520; DE 69233514 D1 20050630; DE 69233514 T2 20051110; DK 0664054 T3 19990830; EP 0664054 A1 19950726; EP 0664054 A4 19950308; EP 0664054 B1 19981230; EP 0887873 A2 19981230; EP 0887873 A3 20000426; EP 0887873 B1 20050525; ES 2124741 T3 19990216; GR 3029567 T3 19990630; JP H07500943 A 19950126; US 5198313 A 19930330

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